

WHAT IS CLAIMED IS:

1. A drum-type washing machine having a self-balancing outer tub assembly, the outer tub assembly comprising:

a front outer tub having an open front and rear; and

a rear outer tub having a closed end and an open end coupled to said front outer tub,

wherein said front outer tub is formed of a material having a specific gravity higher than that of said rear outer tub.
2. The drum-type washing machine as claimed in claim 1, wherein the material of said front outer tub is a polymer combined with a metal powder.
3. The drum-type washing machine as claimed in claim 2, wherein the metal powder is iron-based.
4. The drum-type washing machine as claimed in claim 2, wherein the metal powder is aluminum-based.
5. The drum-type washing machine as claimed in claim 2, further comprising at least one insert member integrally formed with said front outer tub by an insert injection molding process, wherein said at least one insert member has a specific gravity higher than that of the polymer.
6. The drum-type washing machine as claimed in claim 1, wherein the material of said front outer tub is a polymer combined with an inorganic substance.
7. The drum-type washing machine as claimed in claim 6, wherein the inorganic substance is one selected from the group consisting of talc, CaCO_3 , and silicon.

8. The drum-type washing machine as claimed in claim 1, wherein said front and rear outer tubs are formed by injection molding.

9. The drum-type washing machine as claimed in claim 1, further comprising at least one middle outer tub having an open front and rear, said at least one middle outer tub being coupled between said front and rear outer tubs.

10. The drum-type washing machine as claimed in claim 1, wherein said front and rear outer tubs are integrally formed as one body.

11. A drum-type washing machine having a self-balancing outer tub assembly, the outer tub assembly comprising:

a front outer tub having an open front and rear; and

a rear outer tub having a closed end and an open end coupled to said front outer tub, wherein said front outer tub has a thickness greater than that of said rear outer tub.

12. The drum-type washing machine as claimed in claim 11, wherein the material of said front outer tub is a polymer combined with a metal powder.

13. The drum-type washing machine as claimed in claim 12, wherein the metal powder is iron-based.

14. The drum-type washing machine as claimed in claim 12, wherein the metal powder is aluminum-based.

15. The drum-type washing machine as claimed in claim 12, further comprising at least one insert member integrally formed with said front outer tub by an insert injection molding process, wherein said at least one insert member has a specific gravity higher than that of the polymer.

16. The drum-type washing machine as claimed in claim 11, wherein the material of said front outer tub is a polymer combined an inorganic substance.

17. The drum-type washing machine as claimed in claim 16, wherein the inorganic substance is one selected from the group consisting of talc, CaCO_3 , and silicon.

18. The drum-type washing machine as claimed in claim 11, wherein said front and rear outer tubs are formed by injection molding.

19. The drum-type washing machine as claimed in claim 11, further comprising at least one middle outer tub having an open front and rear, said at least one middle outer tub being coupled between said front and rear outer tubs.

20. The drum-type washing machine as claimed in claim 11, wherein said front and rear outer tubs are integrally formed as one body.